

INTERNATIONAL STANDARD



Household and similar electrical appliances – Safety –
Part 2-15: Particular requirements for appliances for heating liquids

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-15: Particular requirements for appliances for heating liquids

FOREWORD

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This commented version (CMV) of the official standard IEC 60335-2-15:2024 edition 7.0 allows the user to identify the changes made to the previous IEC 60335-2-15:2012+AMD1:2016+AMD2:2018 CSV edition 6.2. Furthermore, comments from IEC TC 61 experts are provided to explain the reasons of the most relevant changes, or to clarify any part of the content.

A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text. Experts' comments are identified by a blue-background number. Mouse over a number to display a pop-up note with the comment.

This publication contains the CMV and the official standard. The full list of comments is available at the end of the CMV.

IEC 60335-2-15 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances. It is an International Standard.

This seventh edition cancels and replaces the sixth edition published in 2012, Amendment 1:2016 and Amendment 2:2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) alignment with IEC 60335-1:2020;
- b) conversion of some notes to normative text (Clause 1, 8.1.2, 11.7.104, 15.2, 15.101);
- c) introduction of surface temperature limits (3.6.102, 7.1, 7.6, 7.12, 7.14, 7.15, 11.1, 11.3, 11.101);
- d) addition of instructions for appliances with liquid containers made from polycarbonate material and kettles (7.12);
- e) introduction of test probe 18 and clarification of the application force for test probes in 20.103;
- f) improvement of spillage test for coffee-makers with a removable coffee pot and addition of test for appliances with a surface that will support a cup of vessel (15.2);
- g) specified that kettles are to be tested with NaCl instead of the spillage solution (15.2);
- h) addition of spillage tests for built-in appliances (15.104, 15.105);
- i) addition of compliance criteria for impact testing on glass containers of kettles, coffee-makers and tea makers (21.1);
- j) addition of requirements for the strength of kettle handles (21.101, 21.102);
- k) clarification of requirements for drain holes (22.6);
- l) added requirements for remote operation (22.49, 22.51);
- m) clarification of test method evaluation of appliance couplers for cordless appliances (22.103);
- n) clarification of requirements for pressure cookers (22.108, 22.108.1, 22.108.2, 22.109);
- o) revision of requirements for the maximum rotation angle of a frothing or hot water nozzle (22.115, R.2.2.5, R.2.2.9);
- p) addition of requirements for programmable electronic circuits that limit the number of heating elements and motors able to operate at the same time (22.116, R.2.2.5, R.2.2.9).

The text of this International Standard is based on the following documents:

Draft	Report on voting
61/7289/FDIS	61/7332/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts of the IEC 60335 series, under the general title: *Household and similar electrical appliances – Safety*, can be found on the IEC website.